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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/113,090 07/10/98 SILVERBROOK

K ART34-US

EXAMINER

TM02/1010

KIA SILVERBROOK  
SILVERBROOK RESEARCH PTY  
393 DARLING ST  
2040 BALMAIN  
AUSTRALIA

NGUYEN, J

ART UNIT

PAPER NUMBER

2612

DATE MAILED:

10/10/01

AIR MAIL

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

T.R

# Office Action Summary

Application No.  
09/113,090

Applicant(s)  
Silverbrook et al.

Examiner  
Luong Nguyen

Art Unit  
2612



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Aug 1, 2001.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 6-8 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 6-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

- 13) ☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☒ All b) ☐ Some\* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892) 18) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_ 20) ☐ Other: \_\_\_\_\_

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## **DETAILED ACTION**

### ***Priority***

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### ***Response to Arguments***

2. Applicant's arguments with respect to newly added claims 6-8 filed on 8/01/2001 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Objections***

3. Claims 7-8 are objected to because of the following informalities:

Claim 7, line 1 recites "A camera system as claimed in claim 1". Independent claim 1 has been canceled by the Applicants, therefore, claim 7 could not be dependent on claim 1. For the purpose of examining claim 7, the Examiner assumes that claim 7 is dependent on newly added independent claim 6.

Claim 8, line 1 recites "A camera system as claimed in claim 2". Claim 2 has been canceled by the Applicants, therefore, claim 8 could not be dependent on claim 2. For the purpose of examining claim 8, the Examiner assumes that claim 8 is dependent on newly added claim 7.

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Appropriate correction is required.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Misawa et al. (US 5,282,044) in view of Stephenson (US 5,757,388).

Regarding claim 6, Misawa et al. disclose a camera shake correction system comprising an image sensor, disclosed as CCD 22 (figure 10, column 6, lines 45-50); a velocity detection means, disclosed as angular velocity sensor 255 (figure 10, column 14, lines 14-15); a processor means, disclosed as combination of camera shake correction part 235, signal processing circuit 42 and picture image correction circuit 144 (figure 10, column 14, lines 5-45). Misawa et al. fail to specifically disclose a portable handheld camera; and said processor means is connected to an integral inkjet printer means. However, Stephenson teaches an electronic camera and an integral ink jet printer can be coupled to provide a portable assembly (figure 3, column 2, lines 44-46). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system in Misawa et al. by the teaching of Stephenson in order to let the user obtain high quality, low cost prints (column 1, line 64 through column 2, line 2).

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6. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Misawa et al. (US 5,282,044) in view of Stephenson (US 5,757,388) further in view of Nobuoka (US 5,986,698).

Regarding claim 7, Misawa et al. and Stephenson fail to specifically disclose wherein said velocity detection means comprises an accelerometer. However, Nobuoka discloses an optical method which detects overall movement of a video camera by using an acceleration sensor (accelerometer, column 1, lines 40-46). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system in Misawa et al. and Stephenson by the teaching of Nobuoka in order to obtain an image sensing apparatus which detects the movement of the apparatus to perform vibration blur correction (column 1, lines 43-46, column 2, lines 55-56).

7. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Misawa et al. (US 5,282,044) in view of Stephenson (US 5,757,388) and Nobuoka (US 5,986,698) further in view of Galvin et al. (US 6,199,874).

Regarding claim 8, Misawa et al., Stephenson and Nobuoka fail to specifically disclose wherein said accelerometer comprises a micro-electro mechanical devices. However, Galvin et al. disclose a microelectromechanical accelerometer (column 1, lines 12-19). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify

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the system in Misawa et al., Stephenson and Nobuoka by the teaching of Galvin et al. in order to reduce cost of manufacturing accelerometer (column 1, lines 17-19).

### *Conclusion*

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Luong Nguyen** whose telephone number is **(703) 308-9297**. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Wendy Garber**, can be reach on **(703) 305-4929**.

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**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231


**or faxed to:**

(703) 872-9314

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal drive,  
Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a genreal nature or relating to the status of this application or proceeding should be  
directed to the Technology Center 2600 Customer Service Office whose telephone number is  
(703) 306-0377.

LN LN  
10/02/2001

  
WENDY R. GARBER  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600